



# FACILITY COMPLIANCE AUDIT REPORT

## Division of Waste Management Solid Waste Section

### UNIT TYPE:

Lined MSWLF	X	LCID		YW	X	Transfer		Compost		SLAS		COUNTY: HALIFAX PERMIT NO.: 42-04 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods	X	Incin		T&P		FIRM		
CDFL	X	Tire T&P / Collection	X	Tire Monofill		Industrial Landfill	X	DEMO		SDTF		

**Date of Audit:** January 15, 2009

**Date of Last Audit:** January 25, 2008

### FACILITY NAME AND ADDRESS:

Halifax County Industrial Coal Ash Landfill  
Liles Road  
Halifax, NC 27839

**GPS COORDINATES:** N: 36.38018

W: 077.80981

### FACILITY CONTACT NAME AND PHONE NUMBER:

Larry Garriss, Operations and Maintenance Manager, Solid Waste Division, Halifax County Public Utilities, Tel- 252-586-7516, Cell- 252-308-3825, Fax- 252-593-5014.

### FACILITY CONTACT ADDRESS:

Halifax County Industrial Coal Ash Landfill  
PO Box 70  
Halifax, NC 27839

### AUDIT PARTICIPANTS:

Mary Whaley, NCDENR, Solid Waste Section  
Larry Garriss, Operations and Maintenance Manager

### STATUS OF PERMIT:

Permit # 42-04 is the same permit number for the closed MSWLF, the active C&DLF and the Industrial Coal Ash Landfill. Permit # 42-04 was issued December 22, 2006 for Permit to Operate Phase 1 of the Construction and Demolition Debris Landfill Unit. Permit would have expired on July 1, 2008 due to amendments or modifications to the facility needed for continued operation in accordance with 15A NCAC 13B .0547. Paperwork has been submitted to the Section.

### PURPOSE OF AUDIT:

To conduct a partial audit of an Industrial Coal Ash Landfill.

### NOTICE OF VIOLATION(S):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

### STATUS OF PAST NOTED VIOLATIONS:

NONE

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**AREAS OF CONCERN AND COMMENTS:**

1. The C&D and the Industrial landfills are open Monday through Friday, 8 AM to 4 PM.
2. The industrial coal ash landfill is a lined landfill. The loads that come to the site are sludge from the sediment ponds and the debris from the clean out of the storage silos at Cogentrics in Weldon, NC. Cogentrics was originally named Westmoreland Energy and is a coal fired power plant. The majority of the ash from Cogentrics goes to sites for beneficial use of coal combustion by-products. The last time ash was brought to the Halifax County Industrial Coal Ash Landfill was October of 2007. At that time 2034.84 tons of the material was brought to the site. Cell 1 of the coal ash landfill is approximately 12 acres in size and was constructed in 1993, and began to receive ash in May, 1994. Cell 2 was constructed in 1999 and is approximately 9 acres in size.
3. Coal ash was spread out over the base of the liner of Cell 2 in 2003. Until then the liner was exposed. The liner was guaranteed for 5 years against ultra violet damage. At the time of this audit, there is 10 to 12 feet of exposed liner on the sidewalls around the cell, still exposed to the weather. **It is strongly recommended that if ash is going to be put in Cell 2, where the liner has been exposed, an engineer should certify the integrity of the liner that has been exposed to the weather, prior to the disposal of the ash.**
4. Ground and surface water monitoring is done two times a year.
5. The sediment basin below the two cells needs to have the trees and shrubs removed.

Please contact me if you have any questions or concerns regarding this audit report.

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Mary Whaley  
Environmental Senior Specialist  
*Regional Representative*

Phone: 919-693-5023.

Delivered on : <u>January 22, 2009</u> by		Hand delivery	<b>X</b>	US Mail		Certified No. [ ]
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cc: Mark Poindexter, Field Operations Branch Supervisor  
Dennis Shackelford, Eastern District Supervisor  
Donald Herndon, Compliance Officer  
Donna Wilson, Permitting Environmental Engineer II  
Ed Mussler, Permitting Branch Head